



Urban District of Whitefield.

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# ANNUAL REPORTS

FOR THE YEAR 1914

OF THE

Medical Officer of Health

AND

Sanitary Inspector.

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Presented to the Council, April, 1915.

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WHITEFIELD :

J. JACKSON, PRINTER, BURY NEW ROAD.

# Whitefield Urban District Council.

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## SANITARY COMMITTEE.

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Councillor J. CHAMBERS (*Chairman*).

„ J. W. ALLEN  
 „ J. BENTLEY  
 „ J. BRADSHAW  
 „ J. HILTON  
 „ R. HOLT  
 „ J. MORETON  
 „ J. REDFORD  
 „ H. SPENCER  
 „ J. W. TABINER

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*Medical Officer of Health :*

ARCHIBALD J. YOUNG, L.R.C.S.E., L.R.C.P.E.

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*Sanitary Inspector :*

ELI SHAW, A.R.SAN.INST.,

*Certified Meat and Food Inspector.*

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*Veterinary Inspector :*

J. FEATHERSTONE DIXON, M.R.C.V.S.

Urban District Council of Whitefield.

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR 1914.

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WHITEFIELD,

MARCH, 1915.

*To the Chairman and Members of the Whitefield  
Urban District Council.*

SIRS,

I beg to hand you my Report for the year 1914.

The Area of your District is 1398 acres. The population is calculated to be 7036, which gives an average of five persons per acre.

The number of houses in your District is now 1711 ; six new houses being erected during the year. The number of inhabitants per house is about four.

The inhabitants of your District are chiefly occupied in the weaving, bleaching, dyeing, and finishing of cotton goods.

The houses in your District, on the whole, are satisfactory. The majority have a sufficiency of air space, and only in some instances are otherwise than clean inside and in surroundings.

Seven houses were inspected and deemed unfit for human habitation, and the necessary repairs were in progress at the end of the year.

In conformity with the Housing (inspection of the District) Regulations, 1909, the procedure to give effect to the Regulations and the requirements of Section 17 of the Housing and Town Planning Act, 1909, has been continued during 1914. The officer to undertake the special inspection of houses and keep records stipulated by Article 2, being the Inspector of Nuisances. The necessary books, forms, etc., have been obtained.

The Council's scheme for the erection of 58 artisans' dwellings—having obtained the sanction of the L.G.B. for the loan—and after tenders had been obtained, the scheme, owing to the present crisis, has been postponed until a more favourable opportunity presents itself.

I see from Mr. Shaw's Report that the total number of inspections of drains for the purpose of testing and examination is 466. The number of defects disclosed by the tests were 75.

In the case of new drainage where water is available, the "hydraulic" or "water" test is applied; where this is impracticable they are tested by "smoke."

The scavenging of the ashpits was satisfactory; the refuse being conveyed to a tip. The work being performed by the Sanitary Authority. The number of loads of refuse removed and the number of receptacles emptied being:—Loads, 2592; Ashbins, 24501; Ashpits, 1127; Privy Middens, 2230; Gullies, 4127.

The Sanitary accommodation of the District at the end of the year being:—Fresh water closets, 662; waste water closets, 167 (this system of waste water closets, which has been found to give rise to various nuisances, has been discontinued, property owners being advised to substitute fresh water closets instead when practicable); pail closets, 70; privy middens, 422; ashbins, 408; dry ashpits, 209. Steady progress has been made with the conversion of insanitary privy middens to the water carriage system. 60 new fresh water closets being provided in place of 25 privy middens.

The Council have now had prepared a Scheme for the complete sewerage of Park Lane.

The drinking water is supplied by the Bury & District Joint Water Board, and is upland water received into reservoirs, and is on the whole satisfactory.

During the year, 12 cases were removed to hospital, 11 Scarlet fever, and 1 Diphtheria. 41 rooms in 32 houses were disinfected with the fumes of formaldehyde, and the interiors sprayed with a solution of formalin. One public school has been disinfected. The bedding from patients with infectious disease is disinfected by steam at the Isolation Hospital.

The number of registered workshops in your District is 63. They have been periodically visited and found to be in a satisfactory condition generally; six defects being discovered and five remedied. They were:—want of cleanliness, three; insufficient sanitary accommodation, one; unsuitable or defective sanitary accommodation, one; breach of special sanitary requirements for bakehouses (s.s. 97 to 100), one.

There are six slaughterhouses in the District (two of the six slaughterhouses have not been used during the past year); 162 visits being paid, and the following carcasses examined:—beasts, 121; sheep, 494; pigs, 18; calf, 1. The amount of meat examined and seized as being unfit for human consumption was 1869-lbs. This large quantity denotes the very careful supervision which is exercised by the Meat Inspector, Mr. Shaw, with regard to the prevention of unsound meat being prepared for sale in the District. In one case it was considered necessary to institute proceedings against a firm of butchers in the District for having in their possession, prepared for sale, a carcass which was seriously affected with Tuberculosis, which resulted in the firm being fined £20 and £10 costs.

The dairies and cowsheds have been inspected on 37 occasions.

During the year the Veterinary Surgeon continued to inspect milk cows in the District, for evidence of tuberculosis and other unhealthy conditions which would be likely to affect the milk supply of your District. He visited the various cowsheds 61 times, and examined 843 cows, and in several cases which were suspicious, isolated the milk. 10 samples have been taken by Mr. Shaw, and examined by Professor Delepine, with the result that two cows were found to be giving tubercular milk, which have been slaughtered.

36 Smoke Observations were taken of the mill and works chimneys, each being of 60 minutes duration. The time limit (10 mins. to the hour) allowed by the Council for the emission of black smoke was not exceeded. I consider that the time limit for black smoke might, with advantage to the health of the District, be reduced to 7 minutes.

### VITAL STATISTICS.

According to the Regulations of the Local Government Board and County Council, Tables I, II, III, IV, and C have been prepared, giving a classified statement of the births, deaths, and sickness during the year.

The deaths recorded numbered 94, equalling a death-rate of 13·3 per 1000 (79 occurred in the District, and 15 in institutions out of the District of persons usually resident in the District). The births numbered 124 (56 males and 68 females), equalling a birth-rate of 17·6 per 1000. Of the 94 deaths at all ages, 15 were children under one year of age ; six at one and under two years ; two at two and under five years ; two at five and under 15 years ; two at 15 and under 25 years ; seven at 25 and under 45 years ; 29 at 45 and under 65 years ; and 31 at 65 years and over. The deaths of infants under one year of age were 15, equalling a rate of infantile mortality of 120·9 (last year 145). Of the deaths under one year, eight were due to premature birth, one to enteritis, two



to bronchitis, one to abdominal tuberculous, and three to pneumonia. There were two deaths from zymotic disease, one to measles, and one to diphtheria, equalling a rate of  $\cdot 28$  per 1000. Deaths from respiratory diseases numbered 21 (excluding seven from phthisis), giving a rate of  $2\cdot 9$  and  $\cdot 99$  per 1000. Cancer caused six deaths, equalling a rate of  $\cdot 85$  per 1000. During the year the cases of infectious diseases numbered 57 (including 26 of tuberculosis; pulmonary, 13; other forms, 13). Scarlet fever, 21 cases (no death); erysipelas, three (no death); diphtheria, two (one death); puerperal fever, one (no death); ophthalmia neonatorum, four.

I wish to thank the Chairman and Members of the Council for their kind help and consideration during the year.

I am,

Your Obedient Servant,

A. J. YOUNG.

TABLE I.

Vital Statistics of Whole District during 1914 and previous Years.

Year	Popu- lation estim'td to middle of each year	Births			Total Deaths Registered in the District		Transferable Deaths	Nett Deaths belonging to the District				
		Uncor- rected Number	Nett		Number	Rate		Under 1 year of age		Number	Rate	
			Number	Rate				Number	Rate per 1000 net Births			
1	2	3	4	5	6	7	8	9	10	11	12	13
1909	6888		128	18.6	95	13.7		13	9	70.3	101	15.6
1910	6902		143	22.1	97	14.		18	17	118.	115	16.6
1911	6980		145	20.7	82	11.7		12	22	151.7	94	13.4
1912	7004		137	19.5	75	10.7		16	16	116.7	91	11.5
1913	7021		131	18.6	86	12.2	1	13	19	145.	98	13.9
1914	7036		124	17.6	79	11.2		15	15	120.9	94	13.3

Area of District in acres (land and inland water) 1398.

Total Population at all ages	...	...	6907
Number of inhabited houses	...	...	1698
Average number of persons per house	...	...	4

At Census, 1911.



TABLE II.

**Cases of Infectious Disease notified during the  
Year 1914.**

Notifiable Disease.	Number of Cases Notified.							
	At all Ages	At Ages—Years						
		Under 1 year	1 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards
Smallpox ... ..								
Cholera (C) Plague (P) ...								
Diphtheria (including Membranous Croup ...	2			2				
Erysipelas ... ..	3					1	2	
Scarlet Fever ... ..	21		3	14	2	2		
Typhus Fever ... ..								
Enteric Fever ... ..								
Relapsing Fever (R) Continued Fever (C)...								
Puerperal Fever... ..	1					1		
Cerebro-spinal Meningitis ..								
Poliomyelitis ... ..								
Pulmonary Tuberculosis ...	13			3	1	6	3	
Other forms of Tuberculosis	13	1		3	6	2	1	
Ophthalmia Neonatorum ...	4	4						
Acute Anterior Poliomyelitis								
Totals ... ..	57	5	3	22	9	12	6	

TABLE III.

## Causes of, and Ages at Death during the Year 1914.

Causes of Death.		Net Deaths at the subjoined ages of "Residents" whether occurring within or without the District.								
		All Ages	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards
I		2	3	4	5	6	7	8	9	10
All causes	{ Certified (C) .. .. .	93	14	6	2	2	2	7	29	31
	{ Uncertified .. .. .	1	1					1	2	
1. Enteric Fever .. .. .										
2. Small Pox .. .. .										
3. Measles .. .. .		1	1							
4. Scarlet Fever .. .. .										
5. Whooping Cough .. ..										
6. Diphtheria and Croup ..		1				1				
7. Influenza .. .. .		1							1	
8. Erysipelas .. .. .										
9. Phthisis (Pulmonary Tuberculosis)		7					1	4	2	
10. Tuberculous Meningitis ..		1				1				
11. Other Tuberculous Diseases		3	1					2		
12. Cancer, malignant Disease.,		6						1	3	2
13. Rheumatic Fever .. .. .										
14. Meningitis .. .. .										
15. Organic Heart Disease ..		14		1					4	9
16. Bronchitis .. .. .		8	1						1	6
17. Pneumonia (all forms) ..		13	3	4	1		1		4	
18. Other Diseases of respiratory Organs .. .. .										
19. Diarrhoea and Enteritis ..		2	1						1	
20. Appendicitis and Typhlitis ..		1							1	
21. Cirrhosis of Liver .. .. .										
21A. Alcoholism .. .. .										
22. Nephritis & Bright's Disease		3							3	
23. Puerperal Fever .. .. .										
24. Other Accidents and Diseases of Pregnancy & Parturition										
25. Congenital Debility and Mal- formation, including Pre- mature Birth .. .. .		8	8							
26. Violent Deaths, excluding Suicide .. .. .		1			1					
27. Suicide .. .. .										
28. Other Defined Diseases ..		17		1					9	7
29. Diseases ill-defined or un- known .. .. .		7								7
Totals .. .. .		94	15	6	2	2	2	7	29	31

TABLE IV.

**Infant Mortality during the Year 1914.**

Nett Deaths from stated Causes at various Ages under One Year of Age.

Causes of Death.		Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total Deaths under 1 year
All Causes	Certified.. ..	4	1	2		7		2	4	1	14
	Uncertified ..	1				1					1
Small-Pox .. .. .											
Chicken-Pox .. .. .											
Measles .. .. .											
Scarlet Fever.. .. .											
Whooping Cough.. .. .											
Diphtheria and Croup.. .. .											
Erysipelas .. .. .											
Tuberculous Meningitis ..											
Abdominal Tuberculosis ..									1		1
Other Tuberculous Diseases											
Meningitis ( <i>not Tuberculous</i> )..											
Convulsions .. .. .											
Laryngitis .. .. .											
Bronchitis .. .. .								1		1	2
Pneumonia (all forms).. ..									3		3
Diarrhoea .. .. .											
Enteritis .. .. .								1			1
Gastritis .. .. .											
Syphilis .. .. .											
Rickets .. .. .											
Suffocation, overlying .. ..											
Injury at Birth .. .. .											
Atelectasis .. .. .											
Congenital Malformations ..											
Premature Birth .. .. .		5	1	2		8					8
Atrophy, Debility, and Marasmus ..											
Other Causes.. .. .											
Totals .. .. .		5	1	2		8		2	4	1	15

Nett Births in the year { legitimate .. .. . 119.  
 { illegitimate .. .. . 5.

Nett Deaths in the year of { legitimate Infants .. 15.  
 { illegitimate Infants.. nil.

Urban District Council of Whitefield.

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# ANNUAL REPORT

OF THE  
VETERINARY INSPECTOR

For 1914.

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OAK BANK, BURY NEW ROAD,  
PRESTWICH,

*To the Chairman and Members of the Whitefield  
Urban District Council.*

Gentlemen,

Herewith I submit my report on the work carried out from December 31st, 1913, to December 31st, 1914, respecting examination of milch cows in accordance with the terms of my appointment, February, 1913.

The number of visits to cowsheds, shippens, or byres, being approximately 61.

Month.	Examined.	Action Taken.
January	46	One reported to County Authorities under Act—May, 1913.
February	76	Two samples of milk submitted to Prof. Delepine.
March	92	One noted under observation, and ultimately turned out.
April	32	
May	93	
June	75	Numbers 2, 4, and 5 to be watched, and reported for observation to Committee.

Month.	Examined.	Action Taken.
July	48	3 reported previous month. Sample of milk to Professor Delepine.
August	75	One reported a little off colour.
September	64	Aug. 13, reported to County Authorities per Inspector Shea. <i>Re</i> July.
October	75	One noted not up to the mark.
November	70	
December	97	
Total ...	<u>843</u>	

The action taken generally with the cattle as regards milk supply and general health was, so as to avoid any unnecessary friction, to request that the milk from that animal be not used for human consumption.

Several samples of milk have been taken. Those results and particulars which are negative have been kept by the Sanitary Inspector (positive, I have dealt with) and referred to. The numbers referred to in action taken (2, 4, and 5), June, were so designated from their positions in the cowshed stalls, these came under my personal observation, and their milk was sent to Prof. Delepine, and reported tubercular (2). These two, along with the one reported under observation, sent to the abattoir—I believe Salford. The accuracy of the information I cannot prove as I did not see the P.M., but have no reason to doubt as I have not seen the animals since.

I remain,

Yours obediently,

J. FEATHERSTONE DIXON, M.R.C.V.S.

## TABLE (C).

**Summary of Medical Officer's Report for 1914.**

URBAN DISTRICT OF WHITEFIELD.

Medical Officer of Health, ARCHIBALD J. YOUNG.

Inspector of Nuisances, ELI SHAW.

What is the character of the Hospital Accommodation? For Small-pox? Constituent Authority of the Bury & District Joint Hospital Board. For other Infectious Diseases? Ditto.

Is it Joint or otherwise? Joint.

No. of Beds available for your District? For Small-pox? All. For other Infectious Diseases? All.

Deaths in Hospital of patients removed from your District? From what causes? None.

How is Disinfection carried out? Houses: Fumes of Formalin, and sprayed with Formaldehyde. No. of Houses disinfected? 32. Apparatus used for Clothing, Bedding, &c. (steam or otherwise? Steam. Where is apparatus situated? Bury and District Joint Hospital, Bury. If Apparatus at a Hospital is available is it used for the disinfection of Clothing, Bedding, &c., of Patients not removed to the Hospital? Yes.

Are any Diseases not specifically mentioned in the Infectious Diseases Notification Act notifiable (for instance, Measles, Whooping Cough, Diarrhœa, Chicken Pox, &c.)? If so, what are they? Cerebro Spinal Meningitis.

Diseases specially prevalent? Scarlet Fever.

No. of times School Closure adopted? Nil. For what disease? Nil.

No. of Special Reports made under Art. XIX. (15 and 16) Sanitary Officers' Order, 1910? Nil.



Bacteriological Examinations, Specimens examined? Milk, 10.

Arrangement (if any) made under the Diphtheria Anti-toxin Order, 1910? Supplied free.

“The Housing of the Working Classes Acts, 1890 to 1909.”

Has your Authority determined the procedure to be adopted for the inspection of your District as required by Article 1 of the Regulations? Yes.

Has your Authority prepared, as required by Article 1 (3), a list of dwelling-houses, the early inspection of which is desirable? Yes.

Has your Authority designated an officer to undertake the special inspection of houses and to keep the records stipulated by Article 2. If so, what officer? Inspector of Nuisances.

Have the necessary books, forms, &c., for keeping the required records been obtained? Yes.

Action taken in 1914:—

No. of Dwelling-houses inspected under Sec. 17 of the Act of 1909? Seven.

„ Dwelling-houses considered unfit for human habitation? Seven.

„ Representations to Authority with a view to making Closing Orders? Seven.

„ Closing Orders made? Seven.

„ Dwelling-houses in which defects were remedied without making Closing Orders? Nil.

„ Dwelling-houses put into a fit state of habitation after making Closing Orders? Nil.

„ Dwelling-houses demolished (from previous years)? Seven.

„ Dwelling-houses where works are in progress to make them reasonably habitable? Seven.

General character of defects found to exist? General dilapidation.

Is there a deficiency of housing accommodation? If so, where, and to what extent? Yes, throughout the whole of the District.

What steps are being taken to meet the deficiency? Scheme prepared for erection of 58 houses. Tenders obtained. Scheme adjourned owing to present National crisis.

Number of New Houses built during 1914? By and at the cost of the District Council? Nil. By private enterprise? Six.

Source of the Water Supply? Bury and District Joint Water Board. What is its condition? Satisfactory. Possibilities of contamination? Nil. Any insufficiency, and where? No.

Is Scavenging and Removal of House Refuse carried out satisfactorily for whole of district? Yes. How performed (state whether by Sanitary Authority, Contract, or Occupiers of Houses)? By the Sanitary Authority.

How is the Refuse disposed of? Carted to tip. Has a Destructor been provided? No; question has been under consideration of a Joint Destructor with Prestwich U.D.C.; resolved that neither Authority move in the matter without consulting the other Authority.

Sewage Disposal Works. Method of Treatment? Precipitation tanks, continuous filter, humus tanks, and storm tanks. What is the character of the Drainage System? Any developments during year? Combined. Areas, or Townships, without proper drainage system? Park Lane; scheme now in preparation. Action taken—Drain Testing, Flushing, &c.? All new drains “water tested”; sewers periodically flushed.

Action taken with regard to the Pollution of Streams? None.

Canal Boats: Number Inspected? None. Number of Infringements of Acts? Nil.

What is the condition of the Bakehouses? Good.

„ „ Slaughterhouses? Good. Has a Public Abattoir been provided? No.

What is the condition of the Lodging Houses? Nil. Are they Registered? Nil.

What is the Sanitary condition of the Schools? Satisfactory.

Dairies, Cowsheds, and Milkshops—Are they periodically inspected? Yes. What is their condition? Satisfactory.

Have Regulations been made under the Order of the L.G.B.? Yes. Are they enforced? Yes.

Amount of air space in cubic feet required for each cow? 800.

No. of Cowkeepers? 9. No. on Register? 9. No. of inspections during year? 37.

No. of Dairymen or Purveyors of Milk (other than Cowkeepers)? 17. No. on Register? 17.

Any arrangements for veterinary inspection of dairy cows? Yes.

Action taken (if any) as to tuberculous milk? 10 samples taken. 4 found to be tuberculous. Cows subsequently slaughtered.

Total amount of Food seized as unfit for Human Consumption? 1869-lbs.

No. of Carcases and parts of Carcases condemned for Tuberculosis? 2 beasts' carcases, 2 beasts' forequarters, 5 heads, 5 lungs, 4 diaphragms, 3 mesenterys, 1 stomach, 4 spleens, 1 udder, 1 calf (immature), 2 sheep livers, mutton 13-lbs.

No. of Legal Proceedings, and result? One. £20 fine and £10 costs for being in possession of a "stripped" tubercular carcase.

Department of Inspector of Nuisances. No. of Notices served? 82. Nuisances remedied? 282. No. of Legal Proceedings taken and result? Nil.

Closet accommodation of the District. No. of Privy Middens? 422. Pail Closets? 70. Fresh Water Closets? 662. Waste Water Closets? 167. No. of Privy Middens converted during 1914? To W.C.'s? 25 converted to 60 W.C.'s. To Pails, &c.? None. No. of Pail Closets converted to W.C.'s? None. Does Council contribute towards the cost of conversion of either privies or pail closets, or both? If so, how much? No.

What kind of closet accommodation is being provided for new property? Fresh water closets.

Smoke. No. of Observations? 36. No. of Legal Proceedings taken and result? Nil. What is the time limit allowed for the emission of black smoke per hour? 10 mins. per hour.

Has the Authority adopted "The Infectious Disease (Prevention) Act, 1890"? Yes. "The Public Health Acts Amendment Act, 1890"? Yes. "The Public Health Acts Amendment Act, 1907"? Section 50, and Part VI. "The Notification of Births Act, 1907"? No.

Has a Health Visitor (whole, or part-time) been appointed? No.

Has any, and if so, what action been taken respecting Child Welfare Work? No.

Notable Sanitary Improvements during 1914? Conversion of privy middens to fresh water closets.

Chief Sanitary requirements of District? Sewering of Park Lane (now under consideration). More working-class houses (scheme postponed).

Urban District Council of Whitefield.

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ANNUAL REPORT

OF THE

SANITARY INSPECTOR

FOR 1914.

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WHITEFIELD,

MARCH, 1915.

*To the Chairman and Members of the Whitefield .  
Urban District Council.*

Gentlemen,

I have pleasure in presenting to you my fourth Annual Report, this being a summary of the work done in the Sanitary Department for the year ended 31st December, 1914.

**NOTICES.**

74 Preliminary Notices were served upon the owners or occupiers to abate the nuisances and sanitary defects found in connection with dwelling-houses, etc., in the course of inspections.

The greater portion of the nuisances referred to in the notices received immediate attention by the persons concerned. It was necessary, however, to issue 8 statutory notices to secure the abatement of nuisances owing to the non-compliance with the preliminary notices.

## Nuisances.

282 Nuisances were reported to the Sanitary Committee, the following table gives particulars of nuisances occurring respecting which Preliminary Notices were issued :—

Choked Fresh Water Closet Drains...	...	...	...	5
„ Sink Waste Gully	„	...	...	5
„ Yard	„	...	...	7
„ Fresh Water Closets	...	...	...	7
„ Waste „	„	...	...	5
„ Sink Waste Gullies	...	...	...	16
„ Intercepting Traps	...	...	...	8
„ Rain Water Downspouts	...	...	...	5
„ „ „ Gullies	...	...	...	5
Defective Water Closet Drains...	...	...	...	1
„ Yard	„	...	...	20
„ Rain Water	„	...	...	4
„ Sink Waste	„	...	...	37
„ Rain Water Downspouts...	...	...	...	8
„ Eaves Troughs	...	...	...	3
„ Sink Waste Pipes	...	...	...	8
„ Water Closet Flush Cisterns	...	...	...	6
„ Fresh Water Closet Pedestals...	...	...	...	4
„ Waste „	„	...	...	1
„ Yard Gullies	...	...	...	5
„ Scullery Gullies	...	...	...	1
„ Sink Waste Gullies	...	...	...	20
„ Flush Pipe Connection to Pedestal	...	...	...	3
„ Urinal	...	...	...	1
Insufficient Rain Water Downspouts	...	...	...	2
Accumulation of Manure	...	...	...	2
Damp Walls...	...	...	...	2
Rain Water Downspouts connected direct to Drain	...	...	...	43
Privy Middens offensive	...	...	...	35
House overcrowded	...	...	...	1
Ashpits without proper Door and Fastenings...	...	...	...	2
Poultry kept so as to be a nuisance	...	...	...	3
Foul state of yard surface	...	...	...	1
Insufficient ashbin accommodation	...	...	...	3
Defective Soil Pipe	...	...	...	2
„ Pail Closet	...	...	...	1
Total				282



## Factories and Workshops.

90 Visits of inspection have been paid to Factories and Workshops in the District, which were found to be in a satisfactory condition generally. 6 Nuisances were discovered. 5 of these nuisances were abated after notices had been served; in case of the remaining nuisance, the premises ceased to be used as a workshop, and were closed. The total number of bakehouses is 15, two of which are underground bakehouses. The bakehouses were kept in a satisfactory condition, and limewashed periodically during the year.

Two notices were received from H. M. Inspector of Factories, calling attention to (a) males and females' conveniences adjoining, (b) defective sanitary accommodation. Notices were served upon the occupiers, and were complied with.

Two notices which had not been complied with at the end of 1913, were complied with during the year.

No Lists of Outworkers were received during the year.

There were 63 Workshops on the Register at the end of the year.

## Registered Workshops.

Bakehouses... ..	I 5
Boot and Shoe Repairing...	9
Blacksmiths ... ..	2
Builders ... ..	1
Cloggers ... ..	2
Chip and Fish Shops...	6
Drysalters ... ..	2
Dressmakers ... ..	2
Hairdressers ... ..	3
Joiners ... ..	3
Laundry (domestic) ... .	1
Monumental Masons...	2
Milliner ... ..	2
Painters ... ..	2
Plumbers ... ..	2
Print Cutter ... ..	1
Printers ... ..	2
Stocking Knitter ... ..	1
Saddler... ..	1
Tailor ... ..	1
Tinsmith ... ..	1
Watch and Clock Repairer ... ..	1
Wheelwright ... ..	1
Total ... ..	63

## Inspection of Factories, Workshops, and Workplaces.

Premises	Number of		
	Inspections	Written Notices	Prosecutions
FACTORIES (including Factory Laundries) ... ..	24		
WORKSHOPS (including Workshop Laundries) ... ..	66		
WORKPLACES (other than Outworkers premises) ... ..	...		
Total ... ..	90		

## Defects Found.

Particulars	Number of Defects.			Number of Prosecutions
	Found	Remedied	Referred to H.M. Inspector	
Nuisances under the Public Health Acts—				
Want of Cleanliness ... ..	3	3	...	...
Sanitary Accommodation—				
Unsuitable or defective ... ..	1	1	...	...
Insufficient ... ..	1	...	...	...
Offences under F. & W. Acts				
Illegal occupation of underground Bakehouse ... ..	...	...	...	...
Breach of special requirements for Bakehouses...	1	1	...	...
Total ... ..	6	5	...	...

## Slaughterhouses.

The six registered Slaughterhouses in the District have been inspected at intervals, 162 visits being paid.

The Slaughterhouses have been kept in a satisfactory state, and limewashed in accordance with the Regulations.

The number of carcasses examined being :—

Beasts.	Sheep.	Pigs.	Calf.	Total.
121	494	18	1	634

The total amount of meat seized or surrendered by the owners during the year, as being unfit for human food, was 1869-lbs., and consisted of the following :—

Beasts—Carcases ... ..	2	Beasts—Stomach ...	1
„ Forequarters ... ..	2	„ Splens ...	4
„ Heads ... ..	5	„ Udder ...	1
„ Lungs ... ..	5	Immature Calf ...	1
„ Livers ... ..	5	Sheep Livers... ..	2
„ Diaphragms ... ..	4	Mutton ... ..	13-lbs.
„ Mesenterys ... ..	3		

The carcase of a cow was discovered in a slaughterhouse from which the whole of the lining membranes (pleura and peritoneum) had been “stripped.” The internal organs had been removed from the slaughterhouse and placed in a cellar. The whole of the carcase and organs were seriously affected with tuberculosis. Proceedings were instituted against the owners, and a penalty, amounting to £20 with £10 costs, was inflicted.

## Smoke Observations.

36 Smoke Observations of the Mill and Works chimneys in the District have been taken, each being of 60 minutes duration.

The total amount of black smoke emitted during the 36 hours was 31 minutes, 5 seconds, which is equal to an average of 52 seconds black smoke for each observation.

In 15 only of the observations was black smoke emitted, the longest emission being 6 minutes 20 seconds; the average amount of black smoke emitted during the 15 observations equalling 2 minutes 4 seconds.

The time limit (ten minutes to the hour) allowed by the Council for the emission of black smoke, was not exceeded.

As early as convenient after each observation, a copy thereof is forwarded to the firm. This enables them at once to ascertain the cause of any excessive emission of black smoke.

### **Food and Drug Acts.**

From a Return supplied by the courtesy of Superintendent Pickering, of Bury, it appears that 48 samples were purchased under the Acts in this District during the year. These included :—

Milk ... .. 24	Cheshire Cheese... 1	Coffee ... .. 3
Margarine... 5	Scotch Whisky ... 3	Irish Whisky 1
Cocoa ... 1	Rum ... .. 2	Ground Rice.. 1
Lard ... .. 4	Butter ... .. 3	

all of which were certified by the Analyst to be genuine.

### **Dairies and Cowsheds.**

The Dairies and Cowsheds have been inspected on 37 occasions.

One notice with respect to the non-limewashing of Cowsheds was served upon one occupier, which secured immediate compliance with the Regulations.

The remaining Cowsheds were kept in a fairly satisfactory condition.

In the District there are 9 Cowkeepers using 19 Cowsheds for the purpose of their trade. One cowkeeper has discontinued the keeping of cows. Another cowkeeper has also discontinued the keeping of cows, and has gone to reside outside the District, and therefore becomes registered as a Purveyor.

The Cowsheds, Dairies, and Milkshops Register contains the names of five persons selling milk from premises within the District. These are regularly visited, and any insanitary conditions observed are forthwith brought to the notice of the occupier, who usually takes immediate steps to remove the cause of complaint.

The Register also contains the names and addresses of twelve persons from outside the District who purvey milk within the District (an increase, during the year, of 4 purveyors), and to whose premises your Inspectors have no right to visit for the purpose of inspection.

6 Visits have also been paid to Cowsheds along with the Veterinary Inspector.

### **Milk.**

10 samples of milk have been submitted to Prof. Delepine, of the Public Health Laboratory, Manchester, during the year, for bacteriological examination for tubercle bacilli.

The first and second samples taken were from two suspected cows, but did not show evidences of Tuberculosis.

The third and fourth samples were from the mixed milk from two separate farms, and did not show any evidences of tuberculosis.

The fifth and six samples were from two separate farms, and whilst the fifth sample did not reveal any signs of tuberculosis, tubercle bacilli were found in the sixth sample.

Two further samples (Nos. 7 and 8) were taken; one (No. 7) from the mixed milk of 22 cows, and one (No. 8) from the mixed milk from the remaining 5 cows in the cowshed. No tubercle bacilli were present in the sample (No. 7) from the milk of 22 cows, but were found in the sample (No. 8) from the milk of the 5 cows.

Two samples (Nos. 9 and 10) were again taken. One from the unmixed milk from one suspected cow (No. 9), in which tubercle bacilli were present; and in the next sample (No. 10), which was from the mixed milk of the three remaining cows, tubercle bacilli were also present.

The Veterinary Inspector diagnosed the diseased animal from among the three suspected cows. This cow, along with the cow from which sample No. 9 was taken, I was afterwards informed by the owner, was slaughtered and found to be diseased.

### Infectious Disease.

99 Visits have been made to houses in which cases of infectious disease have occurred and been notified; the number of notifications being :—

Notifications, 1914.	Removed to Hospital, 1914	Notifications 1913	Removed to Hospital, 1913
Scarlet Fever ... .. 21	11	39	27
Typhoid „ ... .. 0	0	1	0
Diphtheria ... .. 2	1	0	0
Erysipelas ... .. 3	0	3	0
Acute Poliomyelitis .. 0	0	1	0
Puerperal Fever ... 1	0	0	0
Ophthalmia			
Neonatorum 4	0	0	0
Anthrax ... .. 0	0	1	1
Total ... .. 31	12	45	28

Upon receipt of a notification of infectious disease, the home is visited and endeavours made to trace the origin of the disease, the patient is isolated, either by removal to the Isolation Hospital, or placed in a separate room at their own house. If the patient is kept at home, instructions are given respecting isolation and disinfection; the houses being re-inspected during convalescence. On the patient becoming convalescent, intimation is given to the Sanitary Inspector, who gives directions and supervises the disinfection of the room, bedding, clothing, etc.

The sanitary condition of the house is ascertained, and where necessary, the drains and fittings are tested for the purpose of detecting conditions dangerous to health.

41 rooms in 32 houses were disinfected with the fumes of formaldehyde, and the interior of the rooms sprayed with a solution of formalin. 18 rooms being disinfected after phthisis; 23 rooms being disinfected after other infectious diseases.



One Public School has been disinfected with the fumes of formaldehyde; the desks, walls, books, etc., sprayed with a solution of formalin.

Three sets of infected bedding from homes where the patient has been isolated at home have been disinfected by steam at the Isolation Hospital. The infected bedding from patients removed to Hospital is removed, along with the patient, and disinfected by steam.

### **Fabrics (Misdescription) Act, 1913.**

During the year six inspections were made of premises where textile fabrics are retailed. Two samples being purchased and tested in conformity with the Regulations made thereunder. The samples were deemed to conform to the standard of non-inflammability.

### **Offensive Trades.**

There are two offensive trades established in the District, viz., Tripe Boiler, and Fellmonger. The trade of Fellmonger was established within the District without the consent of the Council. An application was subsequently made in writing, and consent was granted by the Council to the establishing of the trade.

Four Visits have been paid to the two establishments, which appear to be conducted in a satisfactory manner.

### **Sewers and Drains.**

In the case of new drainage, where a supply of water is available, the "hydraulic" or "water" test is applied to all drains.

The number of defects disclosed by the "water" tests was 75, and chiefly consisted of improperly formed cement joints which were re-tested before being finally approved, and which, in the absence of any test, would have remained serious factors, detrimental to the health of those living in or using the premises with which the defective drains were connected.

The total number of inspections of drains, etc., for the purpose of testing and examination, was 466.



## House Scavenging.

This work, which is performed by the Council's own Employees under the supervision of the Sanitary Inspector, received very careful attention during the year.

The total number of applications received requesting the Council to empty refuse receptacles for the year being 10. Five of these were applications for emptying ashpits, the remaining five being applications to empty ashbins.

The total number of loads of refuse removed, and the number of receptacles emptied, being :—

### Statement.

Showing number of Receptacles emptied and reported to the Sanitary Committee at each Meeting.							
Month		Ashbins	Ashpits	Privy Midd'ns	House Gullies	Loads	Do. by Farm'rs
Jan.		2232	97	203	536	256	...
Feb.		1839	85	168	553	214	...
Mar.		1605	54	211	493	203	...
Apr.		2342	139	164	692	260	...
May		1860	60	206	41	212	...
June		1880	93	98	343	165	...
July		2305	112	186	935	250	...
Aug.		1820	47	161	394	172	...
Sept.		1872	116	175	190	227	...
Oct.		2429	138	322	...	263	...
Nov.		1774	67	226	...	172	...
Dec.		2543	119	110	...	198	...
Totals	1914	24501	1127	2230	4127	2592	...
Total	1913	21772	1255	1878	4742	2596	7

During the week ending October 9th, the whole of the house refuse was weighed before being taken to the tip. The average weight of the privy midden refuse and dry ashpit refuse during that period being 1 ton per load.

The total number of loads of refuse carted to the tip, therefore, represents a weight of 2592 tons.

The 408 ashbins and 70 pails are emptied weekly.

The practice of emptying the house gullies was discontinued by resolution of the Council as from the 1st September.

### Closet Accommodation.

The Closet Accommodation of the District at the beginning of the year, was:—

Fresh Water Closets ... 602	Increase during year 60	At end of year 662
Waste „ ... 167	Increase „ 0	„ 167
Dry Ashpits ... 196	Increase „ 13	„ 209
Privy Middens... 447	Decrease „ 25	„ 422
Ashbins ... .. 377	Increase „ 31	„ 408
Pails ... .. 70	Increase „ 0	„ 70

### Housing of Working Classes Acts, 1890 to 1909.

In conformity with the Housing (Inspection of District) Regulations, 1909, the procedure to give effect to these Regulations, and the Requirements of Section 17 of the Housing and Town Planning Act, 1909, has been continued during 1914.

Seven houses were inspected during the year and deemed unfit for human habitation. The necessary alterations to make the houses in all respects reasonably fit for habitation were in progress at the end of the year.

Seven Demolition Orders under Section 18 Sub-Section (2) of the Housing & Town Planning Act were issued on seven houses which had been closed previously, and which were in a defective and dangerous condition. These Demolition Orders were in all cases complied with, and in addition, two houses which had been closed for human occupation, but were being used as storerooms, have also been demolished voluntarily by the owner.

The total number of Houses inspected is 358, and the number of Closing Orders issued during the past three years, 21. Four Orders determining Closing Orders have been issued upon the houses being made fit for human habitation.

### Summary of Visits.

Visits in respect to Infectious Diseases ... ..	99
„ to Slaughterhouses ... ..	162
„ „ Factories and Workshops ... ..	90
„ „ Cowsheds and Dairies ... ..	37
„ „ Offensive Trades ... ..	4
„ „ Test Drains and Fittings, and to Works in progress	466
„ <i>re</i> Housing and Town Planning Act ... ..	25
Interviews and Appointments and Nuisances of a general character ... ..	336
Smoke Observations... ..	36
Visits to Farms with Veterinary Inspector ... ..	6
Total ... ..	<u>1261</u>

I am, Gentlemen,

Yours obediently,

ELI SHAW,

Sanitary Inspector.

